

## Physics FSC Part 2 Chapter 14 Online MCQ's Test

Sr	Questions	Answers Choice
1	The magnetic flux will be max, For an angle of:	A. $0^\circ$ B. $60^\circ$ C. $90^\circ$ D. $180^\circ$
2	The torque in the coil can be increased by increasing:	A. No. of turns B. Current and magnetic field C. Area of coil D. All of the above
3	When charge particle enter perpendicular to magnetic field, the path followed by it is:	A. A helix B. A circle C. Straight line D. Ellipses
4	Magnetism is related to:	A. Stationary charges B. Moving charges C. Stationary & Moving charges D. Law of motion
5	A photon while passing through a magnetic field are deflected towards:	A. North pole B. South pole C. Are ionized D. None of these
6	A moving charge is surrounded by:	A. 2 Fields B. 3 Fields C. 4 Fields D. None of these
7	NIBA =	A. $c\theta$ B. $\theta/c$ C. $c^2/\theta$ D. $c^2/\theta$
8	A soft iron cylinder is placed inside coil galvanometer to:	A. Make field circular and strong B. Make field radial and weak C. Make field radial and strong D. All of above
9	A galvanometer is an electrical instrument used to	A. Measure resistance B. Measure voltage C. Detect passage of current D. None of these
10	Torque on a current carrying coil	A. $\tau = IBA \cos \alpha$ B. $\tau = ILB \sin \alpha$ C. $\tau = IBA \sin \alpha$ D. $\tau = ILB \cos \alpha$
11	The Grid 'G' in cathode ray oscilloscope.	A. Accelerate as well as focus electron beam B. Control no. of electrons beam C. Is at - Ve potential with respect to cathode. D. Both d and b
12	An ammeter is an electrical instrument which is used to measure.	A. Voltage B. Current C. Resistance D. None
13	The sensitivity of Galvanometer can be increased by:	A. Increasing C/BAN factor B. Decreasing C/BAN factor C. Increasing angle D. None

		D. All of above
14	The anodes in cathode ray oscilloscope.	A. Control number of waves B. Control brightness of sept formed C. Accelerate as well as focus beam D. Negative potential w.r.t to chithode
15	$e/m =$	A. $v/Br$ B. $Br/V$ C. $VB/r$ D. $Vr/B$
16	The vector sum of electric force and magnetic force is called:	A. Deflecting force B. Lorentz force C. Newton force D. Faraday's force
17	The magnetic field inside solenoid is given:	A. $\mu_0 n l$ B. $\mu_0 n$ C. $\mu_0 n / l$ D. $\mu_0 l / n$